

# OCD-ARTESIA

Form 3160-5  
(August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

### SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NM-96835

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
LIGHTNING 24 FEDERAL COM #12

9. API Well No.  
30-015-33578

10. Field and Pool or Exploratory Area  
SAGE DRAW; WOLFCAMP, EAST

11. Country or Parish; State  
EDDY COUNTY, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
THREE RIVERS OPERATING COMPANY, LLC

3a. Address  
1122 S. CAPITAL OF TEXAS HIGHWAY, SUITE 325  
AUSTIN, TX 78746

3b. Phone No. (include area code)  
512-600-3190

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 24, T25S, R26E, 1980' FSL 1980' FEL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Three Rivers Operating Company, LLC, respectfully requests permission to run an MIT to extend the TA status of this well. Three Rivers took over operations from Samson Resources Co. on January 1, 2011. Three Rivers requests extending the TA status to evaluate any re-completion potential that may exist. Upon completion of evaluations, should results indicate, the well will be either recompleat or plugged and abandoned. Following is the procedure for performing the MIT:

1. Notify BLM 24 hours in advance of conducting the MIT
2. Conduct job safety meeting on location prior to conducting any procedure
3. Check casing and bradenhead for pressure (leave bradenhead valve open)
4. Rig up pump truck on casing, pump water and pressure to +/- 500 psi and hold
5. Monitor pressure with chart recorder (update calibration) for a minimum of 30 minutes
6. Release pressure, rig down, close well in

Upon permission, MIT will be tentatively scheduled for the week of April 18, 2011.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

JAMES D. WILSON

Title OPERATIONS MANAGER

Signature

Date 04/04/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

/s/ JD Whitlock Jr.

Title LPE-7

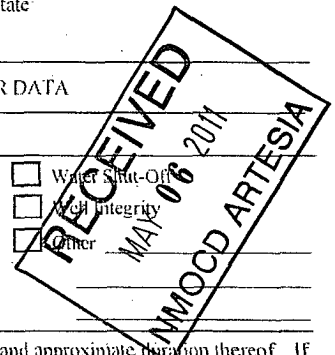
Date 5/3/11

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



see COAs

Accepted for record  
NMCD RI  
5/11/11

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WELL NAME: Lightning 24 Federal Com. #2 FIELD: Sage Draw East LSE#: 037289  
 STATE: NM COUNTY: Eddy LOCATION: 1980' PSL & 1980' FEL of 24-25S-26E  
 API NO: 20-015-33573 SPUD DATE: 2/27/2005 FORMATION: Wolfcamp  
 TD: 12050' PBTD: 12015' ELEVATION: 3231' GL

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/LF	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	9.625"	J55	LTC	35.00#	0'	470'	11	12.250"		250		Surf
Inter	7.000"	N80	LTC	25.00#	0'	10030'	237	3.750"		362		Surf
Prod	4.500"	HCP110	LTC	11.60#	0'	12050'	294	6.125"		200		5634
Thg	2.375"	L80	EUE	4.70#	0'	N/A	305					

Remarks:  
 5/24/05 Acidz (11,373-11,934') with 90 gals 7.5% Claysafe H acid  
 5/27/05 Acidz (11,373-11,934') with 1000 gals Claysafe H Morrow and 70,000 cfm N2  
 6/17/05 New PBTD 11815' after CIBP w/24" cmt cap  
 6/23/05 Frac (11,483-11,720') with 75,500# 18/40 ultra prop 203 tons CO2 downhole  
 6/28/05 First Sales  
 2/22/2007: (Perfs 10668'-10710') Acidize Strawn w/4000 gls 15% NEFE. Dropped 66 balls.  
 3/6/2007: New PBTD @ 10532' After CIBP @ 10523'  
 3/7/2007: (Perfs 9830'-9935') Acidize Wolfcamp w/1500 gls 15% NEFE. Dropped 22 balls  
 3/12/2007: Open well to sales  
 12/13/2010: Temporarily Abandon

CAPACITIES	(bbl/ft)	(ft/bbl)	(cbl/ft)
TBC: 2.375 in. 4.7#	.00307	253.65	.02171
CSG: 7 in. 26#	.03320	26.14	.21480
CSG: 4.5 in. 11.6#	.01550	64.34	.08720

VOLUME BETWEEN	(bbl/ft)	(ft/bbl)	(cbl/ft)
TBC:CSG: 2.375x4.5			
TBC:CSG:			
CSG:THD:			
THD:THD:			
THD:THD:			

PERFORATION RECORD					
DATE	TOP	BTM	ZONE	STATUS	SPF
5/27/2005	11873'	11850'	Morrow	Abandoned	6
5/27/2005	11890'	11894'	Morrow	Abandoned	6
5/27/2005	11898'	11902'	Morrow	Abandoned	6
5/27/2005	11929'	11934'	Morrow	Abandoned	6
6/21/2005	11716'	11720'	Upf Mrw	Abandoned	4
6/21/2005	11645'	11649'	Upf Mrw	Abandoned	4
6/21/2005	11483'	11485'	Upf Mrw	Abandoned	4
2/21/2007	10710'	10715'	Strawn	Abandoned	2
2/21/2007	10684'	10696'	Strawn	Abandoned	2
2/21/2007	10665'	10630'	Strawn	Abandoned	2
3/6/2007	9830'	9935'	Wolfcamp	Abandoned	1

SRC WIT:  
 LOGS: DLN/GRD/GR/CAL (4/6/05)  
 DSN/NEU/GR/CAL (4/9/05)

LANDMAN: P. Kerr		GEOLOGIST: R. Worthington				
TUBULAR GOODS PERFORMANCE						
Material	ID (in)	Drift (in)	Collapse* (psi)	Burst* (psi)	Tensile* (lbs)	
9.625" J55 LTC 36#	8.921	3.765	2,020	3,520	453,000	
7" N80 LTC 25#	6.275	6.151	5,410	7,240	519,000	
4.5" HCP110 LTC 11.6#	4.000	3.875	3,650	10,690	279,000	
2.375" L80 EUE 4.7#	1.995	1.901	15200	14970	125100	
* Safety Factor Not Included						

\* Safety Factor Not Included

PREPARED BY: LeAnne Haskins  
 DATE: 6/2/2005  
 Updated: 3/10/2005 R. Gurnill  
 10/26/2009 GLS

OFFICE: (910) 533-1791  
 FAX: (910) 531-1702

TD: 12050'

## **Bureau of Land Management**

Carlsbad Field Office and Hobbs Field Station  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

### **Conditions of Approval TA of Well**

**Lightning 24 Federal Com #2  
NMNM96835 CA#NMNM112747  
3001533578**

1. Notice of Intent to Recomplete or Notice of Intent to P&A must be submitted by October 1, 2011.
  2. **This will be the Last TA approval for this well.**
  3. Subject to like approval by NMOCD.
  4. No MIT is required at this time, one was done and passed in January 2011.
  5. Well is approved to be TA until October 1, 2011.
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